

ILLINOIS-AMERICAN WATER COMPANY

OFFICIAL FILE

RESPONSE TO ILLINOIS COMMERCE COMMISSION

ILL. C. DOCKET NO. 02-0541

DATA REQUEST NUMBER WD 1.10

IAWC EXHIBIT NO. 5

Person Responsible:
 Title:
 Phone No.:
 Date Received:
 Docket No.:

Kelly A. Simpson
 Engineering Manager
 618-239-3261
 August 14, 2002
 02-0450

WD 1.10. Please provide, by existing metering point and proposed metering point, the following water demand for Mitchell Water District:

- a) Rated capacity;
- b) Avg. daily pumpage;
- c) Max. daily pumpage; and,
- d) Max. daily pumpage for 1999, 2000, 2001 and to date in 2002.

RESPONSE

a) The capacity of each connection would depend on system pressure within the Granite City distribution system and the demand in the Mitchell PWD system. The contractual flow for Mitchell PWD is based on a hydraulic model using the projected 20-year maximum day demand in Mitchell and the 20-year proposed improvements to the Mitchell distribution system. Therefore, the values shown in the table are projected flows at the contract amount of 3.27 MGD.

	Rt 3/ St. Thomas	Rt 203/Breman	Rt 111/Chain of Rocks
a) Projected Flow (gpd)	970,000	600,000	1,700,000
b) ADD last 12 months (gpd)	258,548	233,521	N/A
c) PDD last 12 months (gpd)	517,097	467,043	N/A
d) PDD 1999 (gpd)	479,445	483,966	N/A
d) PDD 2000 (gpd)	502,383	483,325	N/A
d) PDD 2001 (gpd)	510,748	467,989	N/A
d) PDD to date 2002 (gpd)	533,954	479,038	N/A

Note: The PDD was calculated from the ADD using a peaking factor of 2.